

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	(US-4814184-\$).did.	USPAT	OR	ON	2007/05/31 13:00
L3	29	(US-20040215185-\$ or US-20010041265-\$).did. or (US-6520952-\$ or US-5549552-\$ or US-4889903-\$ or US-4816086-\$ or US-4804575-\$ or US-6594134-\$ or US-6083628-\$ or US-6348679-\$ or US-5855818-\$ or US-6265037-\$ or US-5427595-\$ or US-5405218-\$ or US-5001091-\$ or US-5024871-\$ or US-4927742-\$ or US-5346933-\$ or US-5274066-\$ or US-5106680-\$ or US-6367150-\$ or US-4774279-\$ or US-4820170-\$ or US-5514093-\$ or US-5480383-\$ or US-6576091-\$ or US-5939182-\$ or US-5681402-\$). did. or (US-3459701-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:00
L4	28	(US-20030186035-\$ or US-20030165647-\$ or US-20030135197-\$ or US-20040243051-\$ or US-20040101644-\$ or US-20030096904-\$ or US-20040086542-\$ or US-20040097627-\$ or US-20020013382-\$ or US-20060020067-\$ or US-20040019143-\$).did. or (US-6520952-\$ or US-5190795-\$ or US-4741931-\$ or US-5603983-\$ or US-5290589-\$ or US-6177523-\$ or US-7008979-\$ or US-4857250-\$ or US-4925710-\$ or US-5514734-\$ or US-6663662-\$ or US-6458867-\$ or US-6608129-\$ or US-5352517-\$). did. or (US-3769254-\$ or US-3278498-\$ or US-3669825-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:01
L5	17	(US-20030187113-\$ or US-20030161976-\$ or US-20030100656-\$ or US-20030013793-\$).did. or (US-6380316-\$ or US-6562428-\$ or US-6436499-\$ or US-6099682-\$ or US-4412000-\$ or US-4308014-\$ or US-5962082-\$ or US-5693424-\$ or US-4163004-\$ or US-4185051-\$ or US-4069192-\$ or US-6620871-\$). did. or (JP-60221430-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/31 13:02
L34	0	("2003/0135197").URPN.	USPAT	OR	ON	2007/05/31 13:24

## EAST Search History

L44	20	("20030133247" "20030165647" "20040079429" "20040139820" "20040199109" "4741931" "5190795" "5470923" "5549552" "5567203" "5679201" "5681402" "5861032" "5921958" "5928916" "5962563" "6013855" "6040058" "6093463" "6730064"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:26
L45	26	(catheter and lap and joint).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:27
L46	9	(catheter and lap and joint and (adhesive coupling with agent)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:29
L47	1	(catheter and lap and joint and (adhesive coupling with agent) and titan\$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:29
L48	1	(catheter and lap and joint and (adhesive coupling with agent) and functional with group).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:29
L49	2	(catheter and (lap with joint and bond adhere) and (adhesive coupling with agent) and functional with group).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:30
L50	2	(catheter and (lap with joint and bond adhere) and (adhesive coupling with agent) and functional with group and titan\$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:30
L51	8	((lap with joint and bond adhere) and (adhesive coupling with agent) and functional with group and titan\$4).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:32
L52	0	((lap with joint and bond adhere) and (adhesive coupling with agent) and functional with group and functionalized and titanate).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:32
L53	12	((adhesive coupling with agent) and functional with group and functionalized and titanate).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 13:32
S1	2486	SCIMED near LIFE near SYSTEMS. as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 11:37
S2	217	WANG near LIXIAO YANG near DACHUAN RANDALL near JOE WANG near BRUCE.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 13:44

## EAST Search History

S5	8	((("5549552") or ("20030133247") or ("5190795") or ("20030165647") or ("20040139820") or ("20040199109") or ("6730064") or ("20040079429")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/28 13:54
S6	2	((("5047045") or ("5156594")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/28 15:18
S7	11	((("4741931") or ("5190795") or ("5567203") or ("5679201") or ("5861032") or ("5921958") or ("5928916") or ("5962563") or ("6013855") or ("6040058") or ("6093463")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/29 10:16
S8	8	("3794556").PN. OR ("4741931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 17:49
S10	0	("2003/0165647").URPN.	USPAT	OR	ON	2005/12/28 17:50
S11	0	("2004/0079429").URPN.	USPAT	OR	ON	2005/12/28 17:51
S12	47	("4101984"   "4343788"   "4479795"   "4677143"   "4769013"   "4872867"   "5019096"   "5053048"   "5059166"   "5067491"   "5102402"   "5108424"   "5112457"   "5171217"   "5197977"   "5217493"   "5244654"   "5282823"   "5298255"   "5304121"   "5314688"   "5342348"   "5344411"   "5344444"   "5345933"   "5348873"   "5356433"   "5380299"   "5383927"   "5383928"   "5419760"   "5443458"   "5447724"   "5449382"   "5455040"   "5457113"   "5464450"   "5554181"   "5569463"   "5607475"   "5609629"   "5624411"   "5697967"   "5824049"   "5873904"   "6306166").PN. OR ("6730064").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 17:52
S13	0	("2004/0139820").URPN.	USPAT	OR	ON	2005/12/28 17:58
S14	31	("3214302"   "4028325"   "4230773"   "4364731"   "4365359"   "4499152"   "4503093"   "4600390"   "4648845"   "4673354"   "4681538"   "4684555"   "4808483"   "4826430"   "4895516"   "4933202"   "4935265"   "4940607"   "4983422"   "5011410").PN. OR ("5190795").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 18:03

## EAST Search History

S16	953	titanate same bond and polymer and metal\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:03
S17	21	S16 and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 10:18
S18	28	S16 and LICA	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:29
S19	108	LICA near ("38" "44" "97")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 10:44
S20	3	S19 and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 10:44
S22	1282	(604/523).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/29 11:28
S23	129	("4323071"   "4456000"   "4496345"   "4573470"   "4597755"   "4646742"   "4729914"   "4762129"   "4775371"   "4798586"   "4819751"   "4820349"   "4838268"   "4846174"   "4877031"   "4896670"   "4906241"   "4921483"   "4943278"   "4946466"   "4976690").PN. OR ("5047045"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 11:42
S24	8	S23 and lap same joint	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 11:46
S25	4	S24 and hypotube	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 11:47
S26	4	S25 and polymer same tube	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 11:47
S27	953	titanate same bond and polymer and metal\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:11
S28	388	S27 not conduct\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:11
S29	237	S28 not electric\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:11

## EAST Search History

S30	163	S29 and (functional\$4 hydroly\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:20
S31	6	S30 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:30
S32	297	S27 and metal\$4 same polymer same (bond secure fuse couple)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:21
S33	16	S32 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:22
S34	25	catheter same tube same (seal bond) and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:28
S35	35	functional same titanate same (bond seal adhere adhesive) same (metal metallic) same polymer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 14:47
S36	48	((("5891110") or ("6048338") or ("5549552") or ("6475209") or ("5425711") or ("5658251") or ("5720724") or ("6004291") or ("5605543") or ("6623504") or ("6042578") or ("6923787") or ("6068623") or ("6217567") or ("6217567") or ("6375628") or ("5860963") or ("5324263") or ("5256144") or ("5454795") or ("5695483") or ("5876386") or ("5702373") or ("6258080") or ("6264630") or ("5836925") or ("5697906") or ("5759175") or ("6193686") or ("6503353") or ("6939337") or ("5743876") or ("6746423") or ("6887219") or ("6890318") or ("6165166") or ("6464683") or ("5437632") or ("5749849") or ("6589226") or ("6217565") or ("6217565") or ("6238376") or ("4946466") or ("5279562") or ("5480383") or ("5569196") or ("5820594") or ("5824173") or ("5853408"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/29 17:35
S37	2051	264/102	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:35
S38	845	604/103	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36

## EAST Search History

S39	169	604/103.01	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S40	178	604/103.04	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S41	392	604/524	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S42	1788	427/226	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S43	3398	427/387	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S44	178	525/327.8	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S46	599	423/598	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/29 17:36
S48	95	(156/89.14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/29 17:37
S49	34	("4260429"   "4283591"   "5084107"   "5151373"   "5428249"   "5457057"   "5474621").PN. OR ("5681402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 15:14
S50	4	S49 and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 15:14
S51	29	(US-20010041265-\$ or US-20040215185-\$).did. or (US-5549552-\$ or US-6083628-\$ or US-5855818-\$ or US-5346933-\$ or US-4927742-\$ or US-5427595-\$ or US-6265037-\$ or US-5001091-\$ or US-6520952-\$ or US-6367150-\$ or US-6348679-\$ or US-4889903-\$ or US-4816086-\$ or US-5405218-\$ or US-6594134-\$ or US-5024871-\$ or US-4820170-\$ or US-4774279-\$ or US-5274066-\$ or US-4804575-\$ or US-5106680-\$ or US-5514093-\$ or US-5480383-\$ or US-5939182-\$ or US-5681402-\$ or US-6576091-\$). did. or (US-3459701-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:20

## EAST Search History

S52	1	"20030135197"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:09
S53	9	S51 and functional\$4 same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:24
S54	3	S51 and lap same joint	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:22
S55	3	S51 and lap same joint and adhesive	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:22
S57	2	S51 and titanate and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:24
S58	640	medical and titanate and coupling same agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:10
S59	357	medical and titanate same coupling same agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:29
S60	31	medical and titanate same coupling same agent and functionalized	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:42
S61	33	medical and titanate same coupling same agent and (functionalized LICA)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:30
S62	259	medical and titanate same coupling same agent and (functionalized LICA functional adj group monomer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:31
S63	35	S62 and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:31
S64	144	medical and titanate and coupling same agent and polymer\$2 same metal\$3 same (bond joint secure adhere adhesive coupl\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 12:52
S65	26	S64 and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:06
S66	2	metal\$3 same tub\$4 same polymer\$2 and titanate same coupling same agent same bond	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:09
S67	14	metal\$3 same tub\$4 same polymer\$2 and titanate same coupling same agent and bond	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:09

## EAST Search History

S68	83	("2531396"   "4739007").PN. OR ("5514734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 13:45
S69	1003	titanate same bond and polymer and metal\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:03
S70	109	S69 and joint	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:08
S71	10	S70 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:07
S72	7	S71 and tube	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:04
S73	26	S69 and medical and tub\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:08
S76	71676	"604".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:11
S77	231	S76 and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:11
S78	165	S77 and tub\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:11
S79	75	S78 and polymer\$4 and metal\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:13
S80	66	S79 and (bond seal adhesive joint join secure attach)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:25
S87	21	S76 and polymer\$4 and metal\$4 and titanate not (piezoelectric pzt) and bond	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:29
S88	32	titanate with (derivative) and medical and (metal\$4 and polymer\$2 same tub\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:32
S89	91	titanate with (derivative functionalized group) and medical and (metal\$4 and polymer\$2 same tub\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:49
S90	28	S89 and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:54



## EAST Search History

S91	20	S76 and LICA	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:56
S92	6025	LICA	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:56
S93	7	LICA and medical and coupling adj agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 14:59
S94	0	"2003016547"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:00
S95	5	"6399693"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:02
S96	0	("2003016547").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 15:03
S97	21	("20030165647" "20040079429" "20040139820" "20040199109" "5190795" "6730064").PN	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:06
S98	8	("3794556").PN. OR ("4741931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:09
S99	59	("3896815"   "4240433"   "4349033"   "4479497"   "4493711"   "4526175"   "4564014"   "4606347"   "4630609"   "4650466"   "4744366"   "4771776"   "4779611"   "4820270"   "4848343"   "4863440"   "4875480"   "4958634"   "5002532"   "5002558"   "5019042"   "5047045"   "5049131"   "5071406"   "5074845"   "5090958"   "5116318"   "5137512"   "5147377"   "5160321"   "5163927"   "5178608"   "5192297"   "5217434"   "5226889"   "5246421"   "5257974"   "5275622"   "5364356").PN. OR ("5514093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:26

## EAST Search History

S10 0	90	("4251305"   "4636272"   "4748982"   "4943278"   "4964409"   "5047045"   "5050606"   "5100381"   "5120308"   "5154725"   "5156594"   "5159937"   "5226888"   "5279562"   "5304134"   "5304198"   "5346505"   "5370655"   "5387193"   "5397306"   "5480383").PN. OR ("5549552"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:27
S10 1	75	S100 and (bond seal adhesive joint)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:29
S10 2	5	S100 and lap adj joint	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:28
S10 3	1191643	S101 and coupling agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:30
S10 4	0	S101 and coupling adj agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:30
S10 5	1323	(604/523).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 15:36
S10 6	2114	264/102	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:36
S10 7	864	604/103	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:36
S10 8	198	604/103.01	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:36
S10 9	199	604/103.04	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:36
S11 0	419	604/524	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:36
S11 1	14	(S105 S106 S107 S108 S109 S110) and (bond adhesive seal lap adj joint) and coupling adj agent and (titanate LICA alkoyx adj zirconates)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:39
S11 2	58	(S105 S106 S107 S108 S109 S110) and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:47

## EAST Search History

S11 3	18	(S105 S106 S107 S108 S109 S110) and chelate\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:51
S11 4	18	(S105 S106 S107 S108 S109 S110) and chelate\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 15:51
S11 5	4	((("6520952") or ("5514093") or ("5681402") or ("5939182"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 18:31
S11 6	0	over near the near wire near catheter	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:05
S11 7	0	over with the with wire with catheters	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:05
S11 8	1228	catheter and hypotube and (adhesive bond) and polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:21
S12 0	52	S118 and lap with joint	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:09
S12 4	1	S120 and neopentyl	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:09
S12 5	1	S120 and amine with monomer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:10
S12 6	3	S120 and acrylate with monomer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:13
S12 7	3	S120 and (titanate organotitanate chelate quat zirconate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:22
S12 8	39	S118 and (titanate organotitanate chelate quat zirconate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:17
S12 9	2352	medical and metal with tube and (adhesive bond) and polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:35
S13 0	50	S129 and lap with joint	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:22
S13 1	4	S130 and (titanate organotitanate chelate quat zirconate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:25

## EAST Search History

S13 2	340	S129 and (titanate organotitanate chelate quat zirconate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:29
S13 3	340	S132 and (bond seal joint adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:28
S13 4	188	S133 and metal with polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:26
S13 5	49	S133 and metal with adhesive with polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:26
S13 8	1656	medical and metal\$3 with tub\$4 and (adhesive bond) and polymer with tub\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:29
S13 9	192	S138 and (titanate organotitanate chelate quat zirconate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 19:40
S14 0	6	((("5549552") or ("3769254") or ("3669825") or ("20030096904")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 20:06
S14 1	3	medical same grade same adhesive same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:08
S14 2	9	medical same adhesive same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:10
S14 3	2	medical same coupling same agent same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:11
S14 4	15	medical same agent same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:11

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S14 5	28	(US-20030135197-\$ or US-20040086542-\$ or US-20040097627-\$ or US-20060020067-\$ or US-20020013382-\$ or US-20040019143-\$ or US-20030165647-\$ or US-20030186035-\$ or US-20030096904-\$ or US-20040243051-\$ or US-20040101644-\$).did. or (US-6520952-\$ or US-6663662-\$ or US-6458867-\$ or US-6608129-\$ or US-6177523-\$ or US-7008979-\$ or US-5190795-\$ or US-4857250-\$ or US-4741931-\$ or US-5514734-\$ or US-5290589-\$ or US-5603983-\$ or US-5352517-\$ or US-4925710-\$). did. or (US-3769254-\$ or US-3278498-\$ or US-3669825-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:16
S14 6	20	S145 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:33
S14 7	0	kendrick near2 (company co) same medical and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:34
S14 8	0	kendrick near2 (company co) same medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:34
S14 9	1	kendrick near2 (company co) same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:34
S15 0	1	medical same adhesive and titantate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:35
S15 1	270	medical same adhesive and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:37
S15 2	8766	coupling same agent and titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:38
S15 3	5397	coupling same agent same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:38
S15 4	5341	coupling with agent same titanate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:38

## EAST Search History

S15 5	355	coupling with agent same titanate and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:39
S15 6	173	S155 and adhesive	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:40
S15 7	24	S155 and medical with adhesive	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 20:40
S15 8	353	medical and (adhesive bond\$4) same \$titanate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:26
S15 9	114	S158 and coupling and agent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:09
S16 0	16	S159 and catheter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:10
S16 1	106	S159 and metal\$4 and polymer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:15
S16 2	27	medical same (adhesive bond\$4) same \$titanate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:25
S16 3	4	medical same coupling same agent same \$titanate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:21

## EAST Search History

S16 4	6	medical same coupling same agent same \$zirconate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:21
S16 5	17	medical same (adhesive bond\$4) same \$zirconate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:31
S16 6	296	S158 not ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:27
S16 7	203	S158 not (ultrasound ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:27
S16 8	167	S158 not (ultrasound ultrasonic piezoelectric pzt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:29
S16 9	166	S158 not (ultrasound ultrasonic piezoelectric piezo-electric pzt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:29
S17 0	9	medical same (adhesive bond\$4) same LICA\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:15
S17 1	1	("6472056").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 13:18
S17 2	1	("6720050").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 13:22

## EAST Search History

S17 3	15	(US-20030013793-\$ or US-20030100656-\$ or US-20030161976-\$ or US-20030187113-\$).did. or (US-6620871-\$ or US-4185051-\$ or US-4308014-\$ or US-4412000-\$ or US-5693424-\$ or US-5962082-\$ or US-6099682-\$ or US-6380316-\$ or US-6436499-\$ or US-6562428-\$). did. or (JP-60221430-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/07 13:48
S17 4	7	S173 and derivative	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 13:49
S17 5	6	S173 and titanate and derivative	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 13:49
S17 6	0	S173 and titanate same derivative	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 13:50
S17 7	0	S173 and \$titanate same derivative\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/07 13:51
S17 8	1	("5514734").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 13:51
S17 9	22	((("4372892") or ("4207226") or ("4269756") or ("4363887") or ("4338220") or ("4242751") or ("4260406") or ("4163004") or ("4083820") or ("4308298") or ("4069192") or ("4083353") or ("4087402") or ("4094853") or ("4096110") or ("4098758") or ("4122062") or ("4152311") or ("4192792") or ("4202810") or ("4277415") or ("4338220") or ("4417009"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 15:03
S18 0	69	medical and titanate same group same metal\$4 same polym\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 11:38